

REFERENCES

Abtew, W. and N. Khanal. 1992. Water Budget Analysis for the Everglades Agricultural Area (1979-1990), Internal memorandum sent to "Distribution List" through L. Wedderburn dated September 30, 1992. Water Resources and Evaluation Division, South Florida Water Management District, West Palm Beach, Florida.

Abtew, W., J. Obeysekera and G. Shih. 1993. A Spatial Analysis for Monthly Rainfall in South Florida. *Water Resources Bulletin*, American Water Resources Association, Vol. 29, pp. 179-188.

Ahn, H. and M. Ostrovsky. 1992. Lake Okeechobee Water Budget Analysis, Internal memorandum sent to "Distribution List" dated April 16, 1992. Lower District Planning Division, South Florida Water Management District, West Palm Beach, Florida.

Akan, A.O. and B.C. Yen. 1981. Diffusion-Wave Flood Routing in Channel Networks. *Journal of the Hydraulics Division*, ASCE, Vol. 107, No. HY6, Proc. Paper 16299, June 1981, pp. 719-732.

Biedenharn, D. and F. Tracy. 1987. Finite Element Method Package for Solving Steady-State Seepage Problems, Technical ITL-87-6. Department of the Army, Waterways Experimental Station, Corps of Engineers, Vicksburg, Mississippi.

Brion, L.M. 1993. Revision of Module to Compute Supply-Side Management Releases for the Lake Okeechobee Service Area, Internal memorandum sent to C. Neidrauer and K. Ammon dated July 20, 1993. Lower District Planning Division, South Florida Water Management District, West Palm Beach, Florida.

Brion, L.M. and M. Guardo. 1991. Levee Seepage Update for the South Florida Water Management Model, Internal memorandum sent to J. Obeysekera and T. Tisdale dated May 2, 1991. Lower District Planning Division and Water Resources Division, South Florida Water Management District, West Palm Beach, Florida.

Burns and McDonnell. 1994. Conceptual Design for the Everglades Protection Project, Report submitted to Engineering Division, SFWMD through Z. Kugler under Amendment No. 2A to Contract C-3021 dated February 15, 1994. West Palm Beach, Florida.

CH2M-HILL. 1995. Feasibility Study of a Lower East Coast Aquifer Storage and Recovery System. Phase III: Final Report, Report submitted to Lower District Planning, SFWMD through J. Jackson under contract C-4103 1995 January. Deerfield Beach, Florida.

Cooper, R.M. 1989. An Atlas of the Everglades Agricultural Area Surface Water Management Basins. Water Resources Division, South Florida Water Management District, West Palm Beach, Florida.

Cooper, R.M. and J. Roy. 1991. An Atlas of Surface Water Management Basins in the

Everglades: Water Conservation Areas and Everglades National Park. Water Resources Division, South Florida Water Management District, West Palm Beach, Florida.

de Marsily, G. 1986. *Quantitative Hydrogeology*. Orlando, Florida: Academic Press, Inc.

Flavelle, P. 1992. A Quantitative Measure of Model Validation and Its Potential Use for Regulatory Purposes. *Advances in Water Resources*, Vol. 15, pp. 5-13.

Food and Agriculture Organization (FAO). 1988. Yield Response to Water, Food and Agriculture Organization of the United Nations, Irrigation and Drainage Paper No. 33. Rome, Italy. 193 pp.

Food and Agriculture Organization (FAO). 1990. Expert Consultation on Revision of FAO Methodologies for Crop Water Requirements. Food and Agriculture Organization of the United Nations, Rome, Italy 28-31 May.

Gee & Jenson. 1995. Lower East Coast Regional Conveyance Alternatives, Phase 2, Task 2.4 - Determination of Pass-Through Flow Capacity Relationships as a Function of Lake Okeechobee Release Rates and Canal Tailwater Elevations, Summary Report Submitted to SFWMD under Contract No. C-4122 dated January 1995. West Palm Beach, Florida.

Giddings, J. and J. Restrepo. 1995. Unsaturated Component for an Integrated Surface-Ground Water Flow Models (ET-RECHARGE Program), Internal (draft) memorandum sent to "Distribution List " dated February 1995. Lower East Coast Planning Division, South Florida Water Management District, West Palm Beach, Florida.

Guardo, M. 1992. An Atlas of the Upper Kissimmee Surface Water Management Basins. Water Resources Engineering Division, South Florida Water Management District, West Palm Beach, Florida.

Hall, C.A. 1991. Lake Okeechobee Supply-Side Management Plan, Internal report. Operations and Maintenance Department, South Florida Water Management District, West Palm Beach, Florida.

Hall, C.A. 1992. Guide for the Management of High Stages of Lake Okeechobee, Internal Report. Operations and Maintenance Department, South Florida Water Management District, West Palm Beach, Florida.

Haunert, D. and R. Chamberlain. 1994. St. Lucie and Caloosahatchee Estuary Performance Measures for Alternative Lake Okeechobee Regulation Schedules, Internal memorandum sent to Sharon Trost through Susan Gray and Nick Aumen dated January 31, 1994. Upper District Planning Division and Kissimmee-Okeechobee Systems Restoration Division, South Florida Water Management District, West Palm Beach, Florida.

Heatwole, C.D., K.L. Campbell and A.B. Bottcher. 1987. Modified CREAMS Hydrology Model for Coastal Plain Flatwoods. *Transactions of the ASAE* 30(4):1014-1022.

- Kone, S. 1992. Rating Curve Calibration for the Everglades Agricultural Area Pump Station S-5A, S-6, S-7, and S-8, Internal memorandum. Data Management Division, South Florida Water Management District, West Palm Beach, Florida.
- Konikow, L.F. and J.D. Bredehoeft. 1992. Ground-water Models Cannot be Calibrated. *Advances in Water Resources* 15(1):75-83.
- Krishnan, N. 1993a. Estimation of Daily Boundary Flows through SFWMM Boundary Structures G-88, G-89, G-136 and G-155, Internal memorandum sent to K. Ammon and C. Neidrauer dated April 20, 1993. Lower East Coast Planning Division, South Florida Water Management District, West Palm Beach, Florida.
- Krishnan, N. 1993b. Re-estimation of Daily Boundary Flows through G-89 and G-155, Internal memorandum sent to K. Ammon and C. Neidrauer dated September 14, 1993. Lower East Coast Planning Division, South Florida Water Management District, West Palm Beach, Florida.
- Krishnan, N. 1994. Estimation of Daily Inflows to Lake Okeechobee from the Lower Kissimmee River Basin through Structure S-65E for Current and Future Base Simulations of the SFWMM, Internal memorandum sent to K. Ammon and C. Neidrauer dated November 9, 1994. Lower East Coast Planning Division, South Florida Water Management District, West Palm Beach, Florida.
- Krishnan, K. 1995. Inverse Distance Method for Assigning Cell PET Values for Use in SFWMM / NSM, Internal memorandum sent to C. Neidrauer dated June 16, 1995. Hydrologic Systems Modeling Division, South Florida Water Management District, West Palm Beach, Florida.
- Krishnan, N. and C. Gove. 1993. South Florida Water Management Model (SFWMM) Coastal Boundary Conditions, Internal memorandum sent to C. Neidrauer dated September 20, 1993. Lower East Coast Planning Division, South Florida Water Management District, West Palm Beach, Florida.
- Lal, A.M.W. 1994. Evaluation of Natural System Model Output Uncertainty Using South Florida Water Management Model Results, Internal (draft) report. Research Department, South Florida Water Management District, West Palm Beach, Florida.
- Lal, A.M.W. 1995. Sensitivity and Uncertainty Analysis of the Natural System Model v4.2, Internal report. Research Department, South Florida Water Management District, West Palm Beach, Florida.
- Lal, A.M.W. 1998. Performance Comparison of Overland Flow Algorithms. *Journal of Hydraulic Engineering*, ASCE, Vol. 124, No. 4, April 1998, pp. 342-349.
- Loftin, M.K., L.A. Toth and J.T.B. Obeysekera. 1990. Kissimmee River Restoration, Alternative Plan Evaluation & Preliminary Design Report. South Florida Water Management District, West Palm Beach, Florida.

Loucks, D.P. and J.R. Stedinger. 1994. Sensitivity and Uncertainty Analysis in Hydrologic Simulation Modeling of the South Florida Water Management District, Report on Reduction of Uncertainties in Regional Hydrologic Simulation Models (SFWMM and NSM). School of Civil and Environmental Engineering, Cornell University, Ithaca, New York, New York.

MacVicar, T., T. VanLent, and A. Castro. 1984. South Florida Water Management Model Documentation Report, Technical Publication 84-3. South Florida Water Management District, West Palm Beach, Florida.

McCuen, R.H. 1982. Soil Conservation Service. Florida Irrigation Guide. U.S. Department of Agriculture, Soil Conservation Service, Gainesville, Florida.

McVoy, C. And W. Park. 1997. Final Vegetation Coverage for the South Florida Water Management Model and Definition of Classes, Internal Memorandum sent to L. Cadavid, K. Tarboton, C. Neidrauer and R. Van Zee dated August 12, 1997. Hydrologic Systems Modeling Division. South Florida Water Management District, West Palm Beach, Florida.

Merritt, M.L. 1983. Subsurface Storage of Freshwater in South Florida: A Digital Model Analysis of Recoverability, Open-File Report 83-536. U.S. Geological Survey, Tallahassee, Florida.

Meyer F.W. and J.E. Hull. 1969. Seepage Tests in L-D1 Borrow Canal at Lake Okeechobee, Florida, Open-File Report 68006. U.S. Geological Survey, Tallahassee, Florida.

Monteith, J. L. 1965. Evaporation and Environment, Nineteenth Symposia of the Society of Experimental Biology. University Press, Cambridge, Volume 19, pp. 205-234.

Neidrauer, C.J. 1993. Revised Methodology for Integrating Preprocessed Irrigation Demands and Unsaturated Zone Evapotranspiration into the SFWMM, Internal memorandum sent to K. Ammon dated November 23, 1993. Lower East Coast Planning Division, South Florida Water Management District, West Palm Beach, Florida.

Neidrauer, C.J. and R.M. Cooper. 1989. A Two-Year Field Test of the Rainfall Plan: A Management Plan for Water Deliveries to Everglades National Park, Tech. Pub. 89-3. Water Resources Division. South Florida Water Management District, West Palm Beach, Florida.

Perkins, B. 1991. Generic 2-Dimensional Model Output Storage and Display Software Libraries and Utilities, Internal memorandum sent to T. Tisdale dated June 6, 1991. Water Resources Evaluation Division, South Florida Water Management District, West Palm Beach, Florida.

Pyne, R.D.G., P.C. Singer and C.T. Miller. 1996. Aquifer Storage Recovery of Treated Drinking Water. AWWA Research Foundation and American Water Works Association. Denver, CO.

Restrepo, J.I. and J. Giddings. 1994. Physically Based Methods to Estimate Evapotranspiration and Recharge Rates Using GIS, Proceedings from the Annual Summer Symposium of the American Water Resources Association. Jackson Hole, Wyoming, pp. 65-74.

Saul'yev, V.K. 1964. *Integration of Equations of Parabolic Type by the Methods of Nets*. New York, New York: Pergamon Press.

Shaw, J.E. 1980. Hydrogeologic Investigation Along Eastern Portions of Lake Okeechobee, Technical Memorandum 8/80. Groundwater Division, Resource Planning Department, South Florida Water Management District, West Palm Beach, Florida.

Shih, S.F. 1980. Water Budget Computation for a Shallow Lake - Lake Okeechobee, Florida. *Water Resources Bulletin*, AWRA 16(4):724-728.

Smajstrla, A.G. 1990. Technical Manual: Agricultural Field-Scale Irrigation Requirements Simulation (AFSIRS) Model, Version 5.5. Agricultural Engineering Department, University of Florida, Gainesville, Florida.

South Florida Water Management District. 1991. Water Shortage Plan, Rules of the South Florida Water Management District, Chapter 40E-21, Internal report. SFWMD, West Palm Beach, Florida.

South Florida Water Management District. 1992. Surface Water Improvement and Management Plan (SWIM) for the Everglades. South Florida Water Management District, West Palm Beach, Florida.

South Florida Water Management District. 1993. Draft Working Document Lower East Coast Regional Water Supply Plan. Planning Department, SFWMD, West Palm Beach, Florida.

South Florida Water Management District. 1995. Revised Draft Preview Document Lower East Coast Regional Water Supply Plan. Planning Department, SFWMD, West Palm Beach, Florida.

South Florida Water Management District. 1996. Draft: Statement of Technical Issues and a Preliminary Staff Proposal for Developing Minimum Flows and Levels Criteria in the Lower East Coast Planning Area of South Florida dated April 25, 1996. Planning, Ecosystem Restoration & Regulation Departments, and Legal Office, SFWMD, West Palm Beach, Florida.

South Florida Water Management District. 1997. Draft Lower East Coast Regional Water Supply Plan. Planning Department, SFWMD, West Palm Beach, Florida.

South Florida Water Management District. 1998. Natural System Model Version 4.5 Documentation. Planning Department, SFWMD, West Palm Beach, Florida.

Thematic Mapping Section, State Topographic Bureau, Department of Transportation. 1985. Florida Land Use, Cover and Forms Classification System, Second Edition, Procedure No. 550-010-001-A dated September 1985. State of Florida, Department of Transportation.

Tracy, F.T. 1983. Users Guide for a Plane and Axisymmetric Finite Element Program for a Steady-State Seepage Problem. U.S. Army Corps of Engineers, Waterways Experiment Station,

Vicksburg, Mississippi.

Trimble, P. 1986. South Florida Routing Model, Technical Publication 86-3. Water Resources Division, Resource Planning Department, South Florida Water Management District, West Palm Beach, Florida.

Trimble, P. 1992a. Implementation of the Lake Okeechobee Supply-Side Management Plan into the South Florida Water Management Model (SFWMM), Internal memorandum sent to K. Ammon dated February 28, 1992. Lower District Planning Division, South Florida Water Management District, West Palm Beach, Florida.

Trimble, P. 1992b. A Module to Compute Supply Side Management Releases For The Lake Okeechobee Service Area, Internal memorandum sent to K. Ammon dated April 16, 1992. Lower District Planning Division, South Florida Water Management District, West Palm Beach, Florida.

Trimble, P. 1993. Estimation of the Current Supplemental Surface Water Requirements and Runoff Volumes for the Caloosahatchee River Basin, Internal memorandum sent to K. Ammon and C. Neidrauer dated March 15, 1993. Lower District Planning Division, South Florida Water Management District, West Palm Beach, Florida.

Trimble, P. 1994. Acceptable Range of Variation for Input Parameters for South Florida Water Management District Model, Internal memorandum sent to C. Neidrauer dated August 22, 1994. Lower East Coast Planning Division, South Florida Water Management District, West Palm Beach, Florida.

Trimble, P.J. 1995a. An Evaluation of the Certainty of System Performance Measures Generated by the South Florida Water Management Model, M.S. Thesis. Florida Atlantic University, Boca Raton, Florida.

Trimble, P. 1995b. Operational Guidelines Incorporated into the SFWMM for Discharging Water from Lake Okeechobee to the WCAs, Internal memorandum sent to C. Neidrauer dated January 6, 1995. Lower East Coast Planning Division, South Florida Water Management District, West Palm Beach, Florida.

Trimble, P. 1995c. Structure Flow Near Western Boundary of South Florida Water Management Model, Internal memorandum sent to C. Neidrauer dated October 26, 1995. Hydrologic Systems Modeling Division, South Florida Water Management District, West Palm Beach, Florida.

Trimble, P. 1996. Lake Okeechobee Evapotranspiration Update for the SFWMM, Internal Memorandum sent to C. Neidrauer dated November 1, 1996. Hydrologic Systems Modeling Division, South Florida Water Management District, West Palm Beach, Florida.

Trimble, P. and J. Marban. 1988. Preliminary Evaluation of the Lake Okeechobee Regulation Schedule, Technical Publication 88-5. Water Resources Division, South Florida Water Management District, West Palm Beach, Florida.

U.S. Army Corps of Engineers. 1990. HEC-2, Water Surface Profiles User's Manual. Hydrologic Engineering Center, U.S. Army Corps of Engineers, Davis, California.

U.S. Army Corps of Engineers. 1992. Central and Southern Florida Project: For Flood Control and Other Purposes, Water Control Plan for Water Conservation Areas - Everglades National Park, and ENP - South Dade Conveyance System. Jacksonville, Florida.

U.S. Army Corps of Engineers. 1994. HEC-DSS, User's Guide and Utility Manuals. Hydrologic Engineering Center, U.S. Army Corps of Engineers, Davis, California.

U.S. Army Corps of Engineers. 1995. Central and Southern Florida Project: For Flood Control and Other Purposes, Lake Okeechobee and Everglades Agricultural Area Draft Water Control Manual, Volume 3. Jacksonville, Florida.

U.S. Army Corps of Engineers and South Florida Water Management District. 1998. Central and Southern Florida Project Comprehensive Review Study, Draft Integrated Feasibility Report and Programmatic Environmental Impact Statement. Jacksonville and West Palm Beach, Florida.

Van Zee, R. 1993. Modifications to the Grid_IO Library, Internal memorandum sent to J. Obeysekera dated November 29, 1993. Everglades Systems Restoration Division, South Florida Water Management District, West Palm Beach, Florida.

Van Zee, R. 1994. Runoff and Demand Estimates for C-44 Drainage Basin, Internal memorandum sent to C. Neidrauer through J. Obeysekera dated January 31, 1994. Everglades Systems Restoration Division, South Florida Water Management District, West Palm Beach, Florida.

Walpole, R.E. and R.H. Myers. 1990. *Probability and Statistics for Engineers and Scientists*, 4th Edition. New York, New York: Macmillan Publishing Company.

Wang, H.F. and M.P. Anderson. 1982. *Introduction to Groundwater Modeling*. San Francisco, California: W.H. Freeman and Company.

Willis, R. and W.W.-G. Yeh. 1987. *Groundwater Systems Planning and Management*. Englewood Cliffs, NJ: Prentice-Hall, Inc.

Zhang, E. And P. Trimble. 1996. Predicting Climate Fluctuations for Water Management by Applying Neural Networks, *World Resource Review*, Vol. 8, No. 3.